AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-2. (cancelled).

3. (currently amended) A system according to claim [[1]] 32, ~~characterized in that~~ wherein the sensor ~~is adapted to make~~ makes at least one type of measurement from a group including measurements of the EMG, EEG, and EKG type, and measurements indicating skin conductivity, temperature, blood pressure and frequency of respiration.

4-5. (cancelled)

6. (currently amended) A system according to claim [[1]] 32, ~~characterized in that~~ wherein the system further includes adjusting means for adjusting the somatic operation of the user.

7. (currently amended) A system according to claim [[1]] 32, ~~characterized in that~~ wherein the measurement means comprises a plurality of sensors located on the user, the sensors

~~being adapted to measure~~ measuring the nature of movements of the user, including movements of the user's eyes.

8. (currently amended) A system according to claim [[1]] 32, ~~characterized in that~~ wherein the local control means are incorporated into a portable player.

9. (cancelled)

10. (currently amended) A system according to claim [[1]] 32, ~~characterized in that~~ wherein the global control means ~~are adapted to control~~ controlling several different local control means which are separate from each other.

11-17. (cancelled)

18. (currently amended) A system according to claim [[4]] 32, ~~characterized in that~~ wherein the system further includes regulation means (16) for regulating the state of the environment of the user, whereby the control means ~~are adapted to control~~ controlling the regulation means.

19-20. (cancelled)

21. (currently amended) A system according to claim [[1]] 32, ~~characterized in that~~ wherein the audio information to be made audible to the user is selected on the basis of the current location of the user.

22. (currently amended) A system according to claim [[1]] 32, ~~characterized in that~~ wherein said meter is a Resident Assessment Instrument (RAI) index.

23. (currently amended) A system according to claim [[1]] 32, ~~characterized in that~~ wherein the system is used for rehabilitation of said user.

24. (currently amended) A system according to claim [[1]] 32, wherein the system is used for education, therapy, or entertainment of said user.

25. (currently amended) A system according to claim [[1]] 32, wherein the system is used in an exhibition for supplying suitable information according to movements of said user.

26. (currently amended) A system according to claim [[1]] 32, wherein in order to detect movements of said user the

measurement means comprise at least one of the following devices: a video camera, an acceleration transducer, a gyroscope.

27. (currently amended) A system according to claim [[1]] 32, wherein the measurement means use speech recognition to evaluate said somatic phenomenon.

28. (currently amended) A system according to claim [[1]] 32, wherein ~~characterized in that~~ the sensor ~~is adapted to make~~ makes at least one type of measurement from a group including measurements of temperature, blood pressure and frequency of respiration.

29. (currently amended) A system according to claim [[1]] 32, wherein the measurement means comprise a plurality sensors located on the user, the sensors measuring ~~being adapted to measure~~ the nature of movements of the user’s eyes.

30-31. (cancelled).

32. (currently amended) An audio information distribution system comprising:

at least one loudspeaker (13) by which audio information is made audible to a user;

monitoring means (11) including measuring means for obtaining measurements in the system,

said measuring means comprising at least one sensor which is connected to the monitoring means and is non-invasively connectable to the user for measuring at least one biophysiological phenomenon directly from the user and which produces signals describing a somatic phenomenon directly associated with the user, wherein the monitoring means ~~are adapted to receive~~ receiving said signals and measure a change of the somatic phenomenon;

an information database (30) storing audio files;

local control means (10, 100) responsive to the monitoring means; and

global control means (52) ~~operatively~~ connected to control the local control means (10, 100) via a communication network (40), wherein,

the local control means (10, 100) ~~is adapted to~~

- ~~determine~~ determines on the basis of the measured change of the somatic phenomenon the current state of the user,

- ~~analyze~~ analyzes the current state of the user by using a meter resulting in a scalar quantity describing activity and ability of the user,

- ~~send~~ sends measured results with the scalar quantity to the global control means (52), and

- ~~perform~~ performs an activation operation including i) a selection of a certain audio file containing speech and/or music from among the audio files stored in the information database and ii) a control of a manner of presentation of the selected audio file through the loudspeaker (13), and

the global control means (52) ~~is adapted to~~

- ~~classify~~ classifies sound information including the audio information made audible for the user,

- ~~classify~~ classifies operations which are performed for users of the system, including said activation operation,

- ~~perform~~ performs an analysis by using the classified sound information and the classified operations, and by using said scalar quantity sent with the measured results and corresponding scalar quantities measured from other users, and

- on the basis of results of the analysis, ~~control~~ controls operations to be performed by the local control means, the operations to be controlled including said activation operation.

33. (currently amended) An audio information distribution system as claimed in claim 32, wherein, ~~comprising:~~

~~- at least one loudspeaker (13) by which audio information is made audible to a user;~~

~~- monitoring means (11) including measuring means for obtaining measurements in the system,~~

~~said measuring means comprising at least one sensor which is connected to the monitoring means and is non invasively connectable to the user for measuring at least one biophysiological phenomenon directly from the user and which produces signals describing a somatic phenomenon directly associated with the user, wherein the monitoring means are adapted to receive said signals and measure a change of the somatic phenomenon;~~

~~an information database (30) storing audio files;~~

~~local control means (10, 100) responsive to the monitoring means; and~~

~~a global control means (52) operatively connected to control the local control means (10, 100) via a communication network (40), wherein,~~

~~the local control means (10, 100) is adapted to~~

~~- determine on the basis of the measured change of the somatic phenomenon the current state of the user,~~

~~- analyze the current state of the user by using a meter resulting in a scalar quantity describing activity and ability of the user,~~

~~- send measured results with the scalar quantity to the global control means (52), and~~

~~- perform an activation operation including i) a selection of a certain audio file containing speech and/or music from among the audio files stored in the information database and~~

~~ii) a control of a manner of presentation of the selected audio file through the loudspeaker (13), and~~

the global control means (52) ~~is adapted to~~

~~- perform an~~ performs the analysis using classes of sound information and classes of operations and effect of the both classes on results measured from the users of the system, wherein the audio information made audible for the user is included in said sound information~~, and~~

~~- on the basis of results of the analysis, control operations to be performed by the local control means, the operations to be controlled including said activation operation~~.

34. (currently amended) An audio information distribution system as claimed in claim 32, wherein, ~~comprising:~~

~~at least one loudspeaker (13) by which audio information is made audible to a user;~~

~~- monitoring means (11) including measuring means for obtaining measurements in the system;~~

~~- said measuring means comprising at least one sensor which is connected to the monitoring means and is non invasively connectable to the user for measuring at least one biophysiological phenomenon directly from the user and which produces signals describing a somatic phenomenon directly associated with the user, wherein the monitoring means are~~

~~adapted to receive said signals and measure a change of the somatic phenomenon;~~

~~an information database (30) storing audio files;~~

~~local control means (10, 100) responsive to the monitoring means; and~~

~~a global control means (52) operatively connected to control the local control means (10, 100) via a communication network (40), wherein,~~

~~the local control means (10, 100) is adapted to~~

~~- determine on the basis of the measured change of the somatic phenomenon the current state of the user,~~

~~- analyze the current state of the user by using a meter resulting in a scalar quantity describing activity and ability of the user,~~

~~- send measured results with the scalar quantity to the global control means (52), and~~

~~- perform an activation operation including i) a selection of a certain audio file containing speech and/or music from among the audio files stored in the information database and ii) a control of a manner of presentation of the selected audio file through the loudspeaker (13), and~~

the global control means (52) ~~is adapted to~~

~~- perform an~~ performs the analysis using classes of sound information and classes of operations and effect of the both classes on results measured from the users of the system, wherein the audio information made audible for the user is included in said sound information, the analysis finding statistical dependencies between the operations~~, and~~

~~- on the basis of results of the analysis, control operations to be performed by the local control means, the operations to be controlled including said activation operation~~.